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jc872 U.S. PTO  
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\*LIMITED TO MATTERS  
AND PROCEEDINGS BEFORE  
FEDERAL COURTS & AGENCIES  
\*\*REGISTERED PATENT AGENT  
\*\*\*SENIOR COUNSEL

September 28, 2001

WRITER'S DIRECT NUMBER:

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Commissioner for Patents  
Washington, D.C. 20231

**Box Patent Application**

Re: U.S. Non-Provisional Utility Patent Application under 37 C.F.R. § 1.53(b)  
(*Divisional of Appl. No.: 09/380,203; § 371 Date: April 25, 2000*)  
Appl. No.: To Be Assigned; Filed: Herewith  
For: **Transgenic Animals and Cell Lines for Screening Drugs Effective for  
the Treatment or Prevention of Alzheimer's Disease**  
Inventors: DE LA MONTE *et al.*  
Our Ref: 0609.4370004/ALF

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. PTO Utility Patent Application Transmittal (Form PTO/SB/05);
2. PTO Fee Transmittal (Form PTO/SB/17) (*in duplicate*);
3. A true copy of the latest inventor-signed U.S. Utility Patent Application No. 09/380,203; § 371 Date: April 25, 2000, entitled:

**Transgenic Animals and Cell Lines for Screening Drugs Effective for the  
Treatment or Prevention of Alzheimer's Disease**

Commissioner for Patents

September 28, 2001

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and naming as inventors:

Suzanne DE LA MONTE; and

Jack R. WANDS

the application consisting of:

- a. A specification containing:
    - i. 61 pages of description prior to the claims;
    - ii. 5 pages of claims (34 claims);
    - iii. a one (1) page abstract;
  - b. 13 sheets of drawings: (Figures 1, 2A-2F, 3A-3F, 4A-4H, 5A, 5B, 6A-6G, 7A-7C, 8A-8D, 9A, 9B, 10A, 10B, 11 and 12);
  - c. 9 pages of a paper copy of the sequence listing;
  - d. A computer readable copy of the sequence listing. In accordance with 37 C.F.R. § 1.82(f), the paper copy of the sequence listing and the computer readable copy of the sequence listing submitted herewith in the above application are the same;
  - e. A copy of the executed Declaration For Patent Application, as originally filed in U.S. Appl. No. 09/380,203; and
  - f. Application Data Sheet;
4. A Preliminary Amendment;
  5. Authorization to Treat a Reply As Incorporating An Extension of Time Under 37 C.F.R. § 1.136(a)(3) (*in duplicate*);
  6. Our check No. 32251 for \$710.00 to cover the filing fee for patent application; and
  7. Two (2) return postcards.

Commissioner for Patents

September 28, 2001

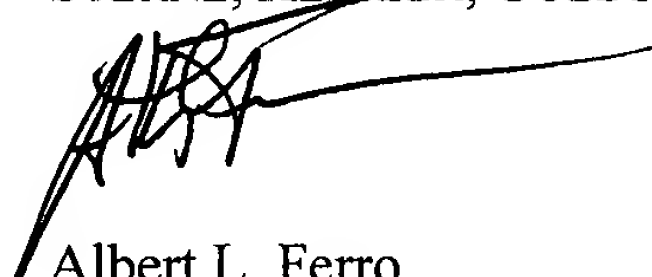
Page 3

In accordance with 37 C.F.R. § 1.821(f), the paper copy of the sequence listing and the computer readable copy of the sequence listing submitted herewith in the above application are the same.

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. A duplicate copy of this letter is enclosed.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Albert L. Ferro  
Attorney for Applicants  
Registration No. 44,679

ALF/BKB:reid/awt  
Enclosures

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR § 1.53(b))

|                        |  |
|------------------------|--|
| Attorney Docket No.    | 0609.4370004/ALF   |
| First Inventor         | DE LA MONTE  |
| Title                  | Transgenic Animals and Cell Lines for Screening Drugs Effective for the Treatment or Prevention of Alzheimer's Disease |
| Express Mail Label No. |  |

**APPLICATION ELEMENTS**  
See MPEP chapter 600 concerning utility patent application contents.**ADDRESS TO:**Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

- |  |   |
|--|---|
| <p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17)<br/>(Submit an original, and a duplicate for fee processing)</p> <p>2. <input type="checkbox"/> Applicant claims small entity status.<br/>See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification [Total Pages <u>67</u>]<br/>(preferred arrangement set forth below)<br/>- Descriptive title of the Invention<br/>- Cross Reference to Related Applications<br/>- Statement Regarding Fed sponsored R &amp; D<br/>- Reference to sequence listing, a table, or a computer program listing appendix<br/>- Background of the Invention<br/>- Brief Summary of the Invention<br/>- Brief Description of the Drawings (if filed)<br/>- Detailed Description<br/>- Claim(s)<br/>- Abstract of the Disclosure</p> <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets <u>13</u>]</p> <p>5. Oath or Declaration [Total Pages <u>2</u>]<br/>a. <input type="checkbox"/> Newly executed (original or copy)<br/>b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63(d))<br/>(for continuation/divisional with Box 18 completed)<br/>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b><br/>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR §§ 1.63(d)(2) and 1.33(b).</p> <p>6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76.</p> | <p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program<br/>(Appendix)</p> <p>8. Nucleotide and/or Amino Acid Sequence Submission<br/>(if applicable, all necessary)<br/>a. <input checked="" type="checkbox"/> Computer Readable Form (CRF)<br/>b. Specification Sequence Listing on:<br/>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or<br/>ii. <input checked="" type="checkbox"/> paper<br/>c. <input checked="" type="checkbox"/> Statements verifying identity of above copies</p> |
|--|---|

**ACCOMPANYING APPLICATION PARTS**

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☒ Preliminary Amendment
14. ☒ Two (2) Return Receipt Postcards (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☒ Other: Authorization under 37 C.F.R. § 1.136(a)(3)  
☐ Other: \_\_\_\_\_

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☒ Divisional ☐ Continuation-in-Part (CIP)  
Prior application information: Examiner Whiteman, B. of prior application No: 09/380,203  
Group/Art Unit: 1633

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

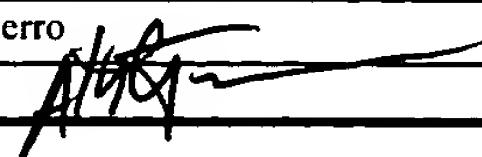
**19. CORRESPONDENCE ADDRESS**☒ Customer Number or Bar Code Label

Customer No. 26111

or ☐ Correspondence address below

(Insert Customer No. or Attach bar code label here)

|         |   |           |  |          |  |
|---------|---|-----------|--|----------|--|
| NAME    | STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C. |           |  |          |  |
|         | Attorneys at Law                          |           |  |          |  |
| ADDRESS |   |           |  |          |  |
| CITY    |   | STATE     |  | ZIP CODE |  |
| COUNTRY |   | TELEPHONE |  | FAX      |  |

|                   |   |                                   |                    |
|-------------------|---|-----------------------------------|--------------------|
| NAME (Print/Type) | Albert L. Ferro   | Registration No. (Attorney/Agent) | 44,679             |
| SIGNATURE         |  | Date                              | September 28, 2001 |

# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

## Complete if Known

|                      |                  |
|----------------------|------------------|
| Application Number   | To Be Assigned   |
| Filing Date          | Herewith         |
| First Named Inventor | DE LA MONTE      |
| Examiner Name        | To Be Assigned   |
| Group Art Unit       | To Be Assigned   |
| Attorney Docket No.  | 0609.4370004/ALF |

TOTAL AMOUNT OF PAYMENT (\$)**710.00**

## METHOD OF PAYMENT (check one)

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:

Deposit Account Number: 19-0036  
Deposit Account Name: Sterne, Kessler, Goldstein & Fox P.L.L.C.

- ☐ Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17

- ☐ Applicant claims small entity status See 37 CFR 1.27

- ☒ Payment Enclosed:

- ☒ Check ☐ Credit card ☐ Money Order ☒ Other\*

\*Charge any deficiencies or credit any overpayments in the fees or fee calculations of Parts 1, 2 and 3 below to Deposit Account No. 19-0036.

## FEE CALCULATION

### 1. BASIC FILING FEE

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description        | Fee Paid |
|----------------|-----------------|----------------|-----------------|------------------------|----------|
| 101            | 710             | 201            | 355             | Utility filing fee     | 710.00   |
| 106            | 320             | 206            | 160             | Design filing fee      |          |
| 107            | 490             | 207            | 245             | Plant filing fee       |          |
| 108            | 710             | 208            | 355             | Reissue filing fee     |          |
| 114            | 150             | 214            | 75              | Provisional filing fee |          |

SUBTOTAL (1) (\$) 710.00

### 2. EXTRA CLAIM FEES

| Extra                             | Fee from below | Fee Paid |
|-----------------------------------|----------------|----------|
| Total Claims 1 - 20 = 0 X 0 = 0   |                |          |
| Indep. Claims 1 - 3** = 0 X 0 = 0 |                |          |
| Multiple Dependent                |                |          |

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description   |
|----------------|-----------------|----------------|-----------------|---|
| 103            | 18              | 203            | 9               | Claims in excess of 20                                    |
| 102            | 80              | 202            | 40              | Independent claims in excess of 3                         |
| 104            | 270             | 204            | 135             | Multiple dependent claim                                  |
| 108            | 80              | 209            | 40              | **Reissue independent claims over original patent         |
| 110            | 18              | 210            | 9               | **Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$) 0

\*\* or number previously paid, if greater; For Reissues, see above

### 3. ADDITIONAL FEES

Large Entity Small Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description  | Fee paid |
|----------|----------|----------|----------|--|----------|
| 105      | 130      | 205      | 65       | Surcharge - late filing fee or oath  |          |
| 127      | 50       | 227      | 25       | Surcharge - late provisional filing fee or cover sheet                     |          |
| 139      | 130      | 139      | 130      | Non-English specification  |          |
| 147      | 2,520    | 147      | 2,520    | For filing a request for ex parte reexamination                            |          |
| 112      | 920*     | 112      | 920*     | Requesting publication of SIR prior to Examiner action                     |          |
| 113      | 1,840*   | 113      | 1,840*   | Requesting publication of SIR after Examiner action                        |          |
| 115      | 110      | 215      | 55       | Extension for reply within first month                                     |          |
| 116      | 390      | 216      | 195      | Extension for reply within second month                                    |          |
| 117      | 890      | 217      | 445      | Extension for reply within third month                                     |          |
| 118      | 1,390    | 218      | 695      | Extension for reply within fourth month                                    |          |
| 128      | 1,890    | 228      | 945      | Extension for reply within fifth month                                     |          |
| 119      | 310      | 219      | 155      | Notice of Appeal   |          |
| 120      | 310      | 220      | 155      | Filing a brief in support of an appeal                                     |          |
| 121      | 270      | 221      | 135      | Request for oral hearing   |          |
| 138      | 1,510    | 138      | 1,510    | Petition to institute a public use proceeding                              |          |
| 140      | 110      | 240      | 55       | Petition to revive - unavoidable   |          |
| 141      | 1,240    | 241      | 620      | Petition to revive - unintentional   |          |
| 142      | 1,240    | 242      | 620      | Utility issue fee (or reissue)   |          |
| 143      | 440      | 243      | 220      | Design issue fee   |          |
| 144      | 600      | 244      | 300      | Plant issue fee  |          |
| 122      | 130      | 122      | 130      | Petitions to the Commissioner  |          |
| 123      | 130      | 123      | 130      | Petitions related to provisional applications                              |          |
| 126      | 180      | 126      | 180      | Submission of Information Disclosure Stmt                                  |          |
| 581      | 40       | 481      | 40       | Recording each patent assignment per property (times number of properties) |          |
| 146      | 710      | 246      | 355      | Filing a submission after final rejection (37 CFR 1.129(a))                |          |
| 149      | 710      | 249      | 355      | For each additional invention to be examined (37 CFR 1.129(b))             |          |
| 179      | 710      | 279      | 355      | Request for Continued Examination (RCE)                                    |          |
| 169      | 900      | 169      | 900      | Request for expedited examination of a design application                  |          |

Other fee (specify):

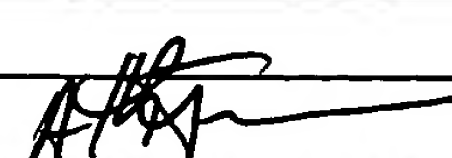
Other fee (specify):

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 0

## SUBMITTED BY

## Complete (if applicable)

|                   |   |                                   |                    |           |              |
|-------------------|---|-----------------------------------|--------------------|-----------|--------------|
| Name (Print/Type) | Albert L. Ferro   | Registration No. (Attorney/Agent) | 44,679             | Telephone | 202-371-2600 |
| Signature         |  | Date                              | September 28, 2001 |           |              |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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